

From: [Crossland, Ronnie](#)
To: [Adams, Adam](#); [Mason, Steve](#); [Loesel, Matthew](#)
Cc: [Smith, Monica](#); [Petersen, Chris](#); [Rauscher, Jon](#)
Subject: FW: 3/21/19 Monitoring Update
Date: Thursday, March 21, 2019 8:46:13 AM

From: Kelly Cook <kelly.cook@tceq.texas.gov>
Sent: Thursday, March 21, 2019 7:37 AM
To: Crossland, Ronnie <Crossland.Ronnie@epa.gov>
Subject: FW: 3/21/19 Monitoring Update

fyi

From: Richard Chism
Sent: Thursday, March 21, 2019 7:36 AM
To: Tracy Miller <tracy.miller@tceq.texas.gov>
Cc: Brandy Brooks <brandy.brooks@tceq.texas.gov>; Ramiro Garcia <ramiro.garcia@tceq.texas.gov>; Kelly Cook <kelly.cook@tceq.texas.gov>
Subject: RE: 3/21/19 Monitoring Update

UPDATED reading for 0400 at Deer Park

From: Richard Chism
Sent: Thursday, March 21, 2019 7:31 AM
To: Tracy Miller <Tracy.Miller@tceq.texas.gov>
Cc: Brandy Brooks <Brandy.Brooks@tceq.texas.gov>; Ramiro Garcia <Ramiro.Garcia@tceq.texas.gov>; Kelly Cook <Kelly.Cook@tceq.texas.gov>
Subject: 3/21/19 Monitoring Update

Overnight winds were out of the south-south west around 5pmh, shifting to the north after midnight. Winds are expected to remain N to NE throughout the day, turning to the S after sunset.

Periodic elevated benzene readings were recorded at Lynchburg Ferry and Deer Park #2 autoGCs when downwind of ITC.

- Lynchburg Ferry measured concentrations of 84.8, 39.3, and 165.17 ppb from 1900 – 2100 on March 20th while winds were from the southwest
- Deer Park measured a 25.0 ppb at 0300 and **a 190.68 ppb at 0400** on March 21st while winds were from the north
- In both instances, concentrations decreased as winds shifted.

Monitoring vans conducted measurements at the Dow Park Sports Complex between the ITC facility and the Deer Park #2 monitor from 1100 to 1445, then west of the ITC facility along Jacintocourt Blvd. No detectable levels of benzene were measured.

Vans were then relocated to Lynchburg Ferry around midnight to confirm a benzene spike. Concentrations around 20 ppb were measured at Lynchburg.

Since 0330, the vans have been positioned south of the ITC facility in La Porte. No detectable levels of benzene have been measured.

PM2.5 measurements across Houston this morning continue to be in the moderate range (based on EPA's AQI scale).

Eight-hour ozone exceedances were measured at both Clinton Dr (77 ppb) and Deer Park #2 (73 ppb) for March 20th.